

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

107318-00000

SERIAL NO.

New Divisional

APPLICANT

HIRANO et al.

FILING DATE

March 2001

GROUP

Not assigned

## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>Sm</i>	AA	4,822,751	04/1989	ISHIZU et al.			
<i>Sm</i>	AB	4,864,376	09/1989	AOKI et al.			
<i>Sm</i>	AC	4,948,231	08/1990	AOKI et al.			
<i>Sm</i>	AD	5,323,042	06/1994	MATSUMOTO			
<i>Sm</i>	AE	5,459,346	10/1995	ASAKAWA et al.			
<i>Sm</i>	AF	5,576,556	11/1996	TAKEMURA et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION		
							YES	NO	PART.
<i>Sm</i>	AG	03-286518	02.04.90	Japan					X
<i>Sm</i>	AH	60-257511	04.06.84	Japan					X
<i>Sm</i>	AI	60-245174	18.05.84	Japan					X
<i>Sm</i>	AJ	06-267982	09/22/94	Japan			X		
<i>Sm</i>	AK	06-296023	10/21/94	Japan			X		
<i>Sm</i>	AL	7-176748	07/1995	Japan					X

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	
	AN	
	AO	

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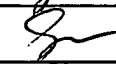

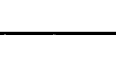
*Samuel Adams*

10/16/02

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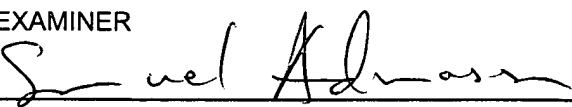
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	5,563,427	10/1996	YUDASAKA et al.			
	AB	6,048,757	Apr. 2000	TAKEMURA			
	AC	5,618,741	Apr. 1997	YOUNG et al.			
	AD	4,522,845	Jun. 1985	POWELL et al.			
	AE	5,529,937	7/20/94	ZHANG et al.			
	AF	5,639,698	2/15/94	YAMAZAKI et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION		
							YES	NO	PART.
	AG	260645	Sept. 16, 1994	Japan					X
	AH	104117	May 14, 1987	Japan					X
	AI	29924	Feb. 8, 1998	Japan					X
	AJ	145775	June 29, 1987	Japan					X
	AK	335890	Dec. 22, 1995	Japan					X
	AL								

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EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
Se	AA	5,605,846	2/21/95	OHTANI et al.			
S	AB	5,614,728	03/1997	AKIYAMA			
S	AC	4,502,205	03/1985	YAHANO			
/	AD	/	/	/			
	AE						
	AF						

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	AG								
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EXAMINER

Samuel Adams

DATE CONSIDERED

3/22/02

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